Experiment 4:

There will be two scenarios.
   1) Separate queues for two servers.
   2) A single queue for two Servers.

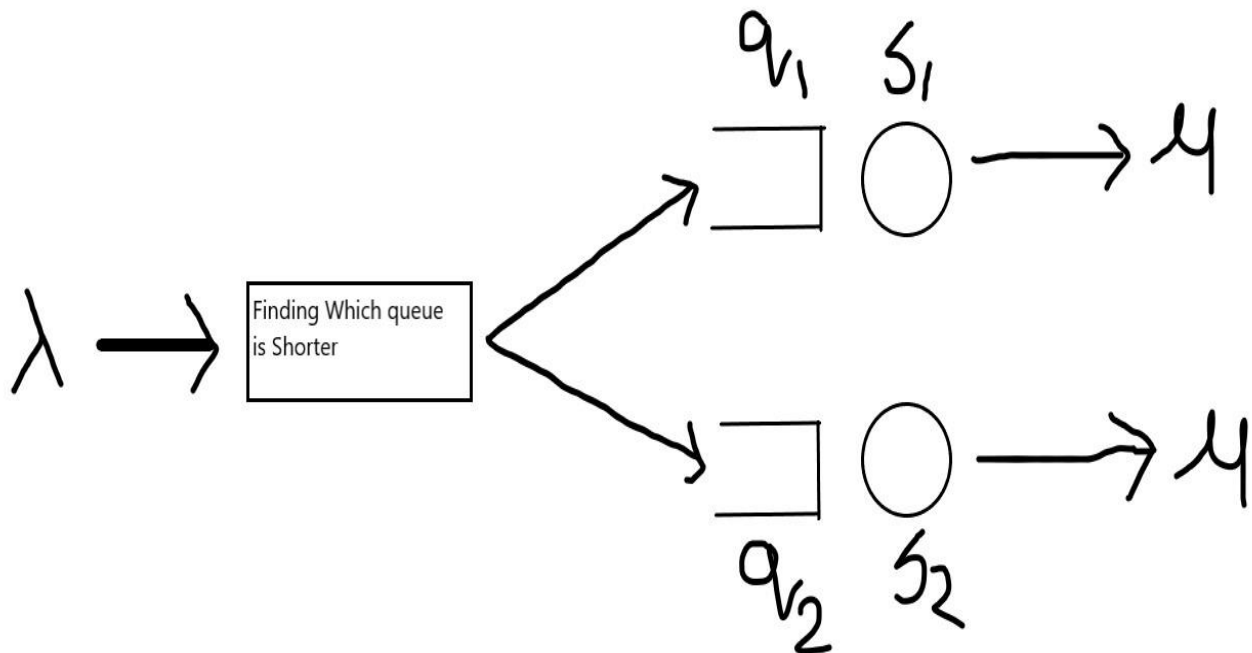You need to implement these two scenarios and compare these factors,
   1) Average Waiting Delay,
   2) Average Number of Jobs in the system,
   3) Utilization of Servers,

After comparing you need to give the result Numerically & Graphically. It would be better if you follow the image attached with this assignment.

Notes for Scenario 1:
   1.   Jockeying is not allowed,
   2.   Created job will check which queue is shortest and will go to that queue.

Scenario 1:

Scenario 2:

$$\lambda \longrightarrow \boxed{}_{q} \begin{array}{c} \nearrow S_1 \bigcirc \longrightarrow \mu \\ \searrow S_2 \bigcirc \longrightarrow \mu \end{array}$$